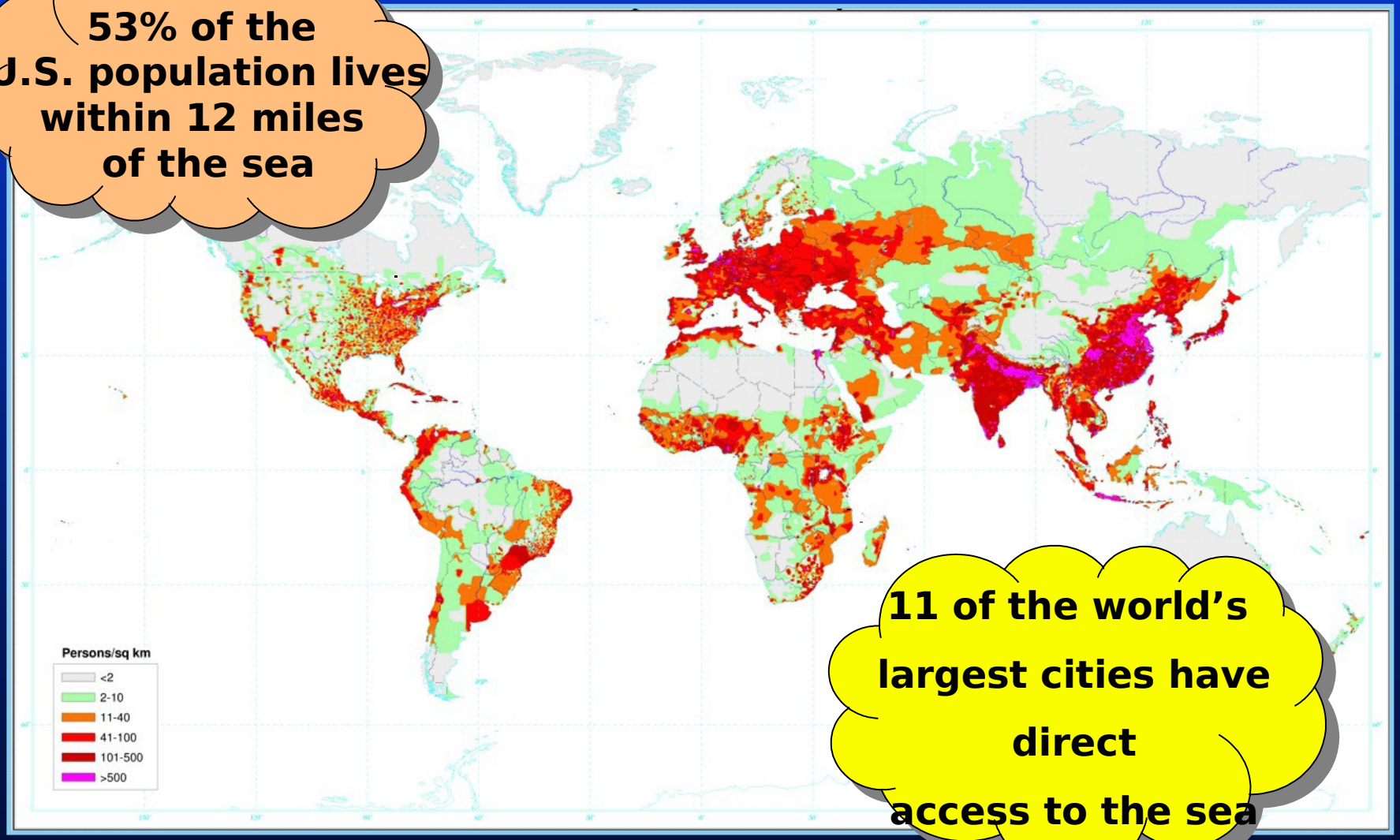
The U.S. Navy's

Military Sealift Command

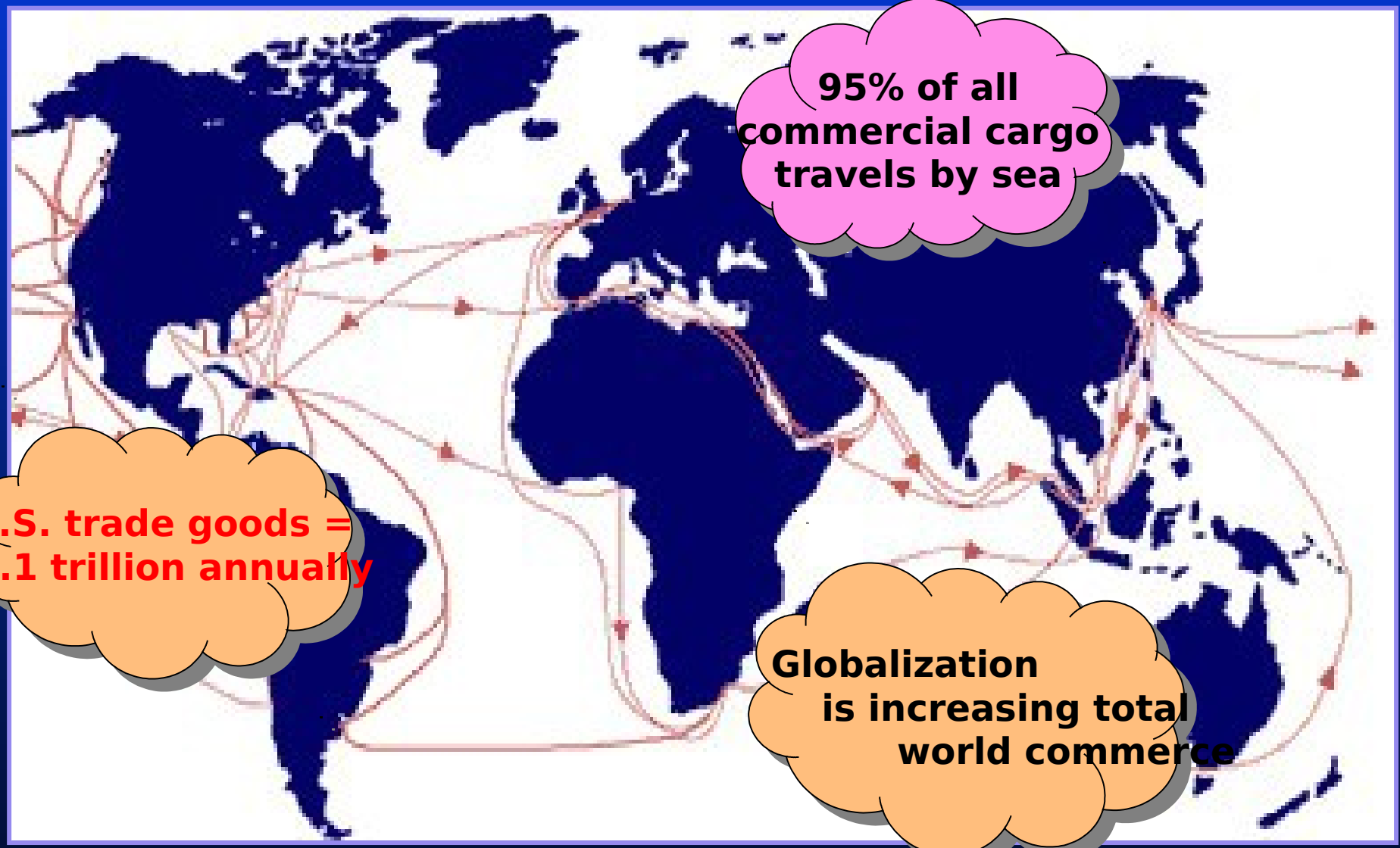
Where People Live

53% of the U.S. population lives within 12 miles of the sea



11 of the world's largest cities have direct access to the sea

Global Maritime Economy


95% of all commercial cargo travels by sea
U.S. trade goods = 1.1 trillion annually
Globalization is increasing total world commerce

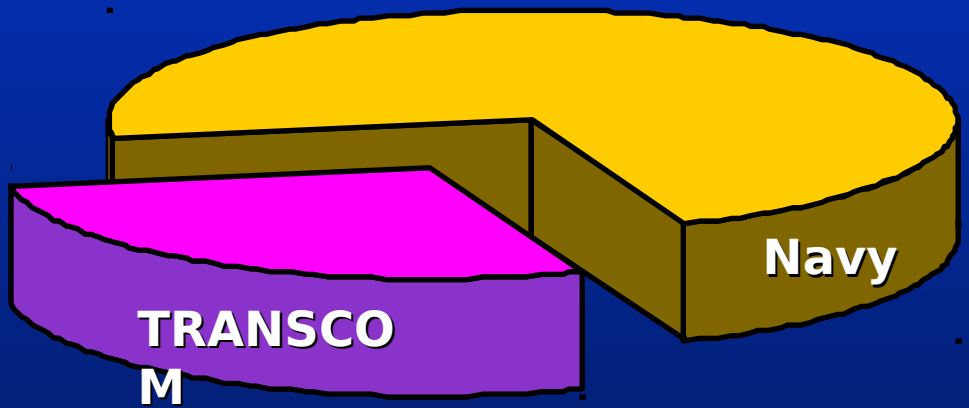
***MSC's Mission** is to provide efficient sea transportation, combat-ready logistics forces and reliable special mission ships for the Department of Defense in peace and war.*

National Security Roles

- Peacetime:
  - Fleet support
  - Strategic prepositioning
  - Re-supply
  - Disaster relief - humanitarian assistance
  - Peacekeeping operations
  - Worldwide military exercises
- Contingencies
- Major theater war

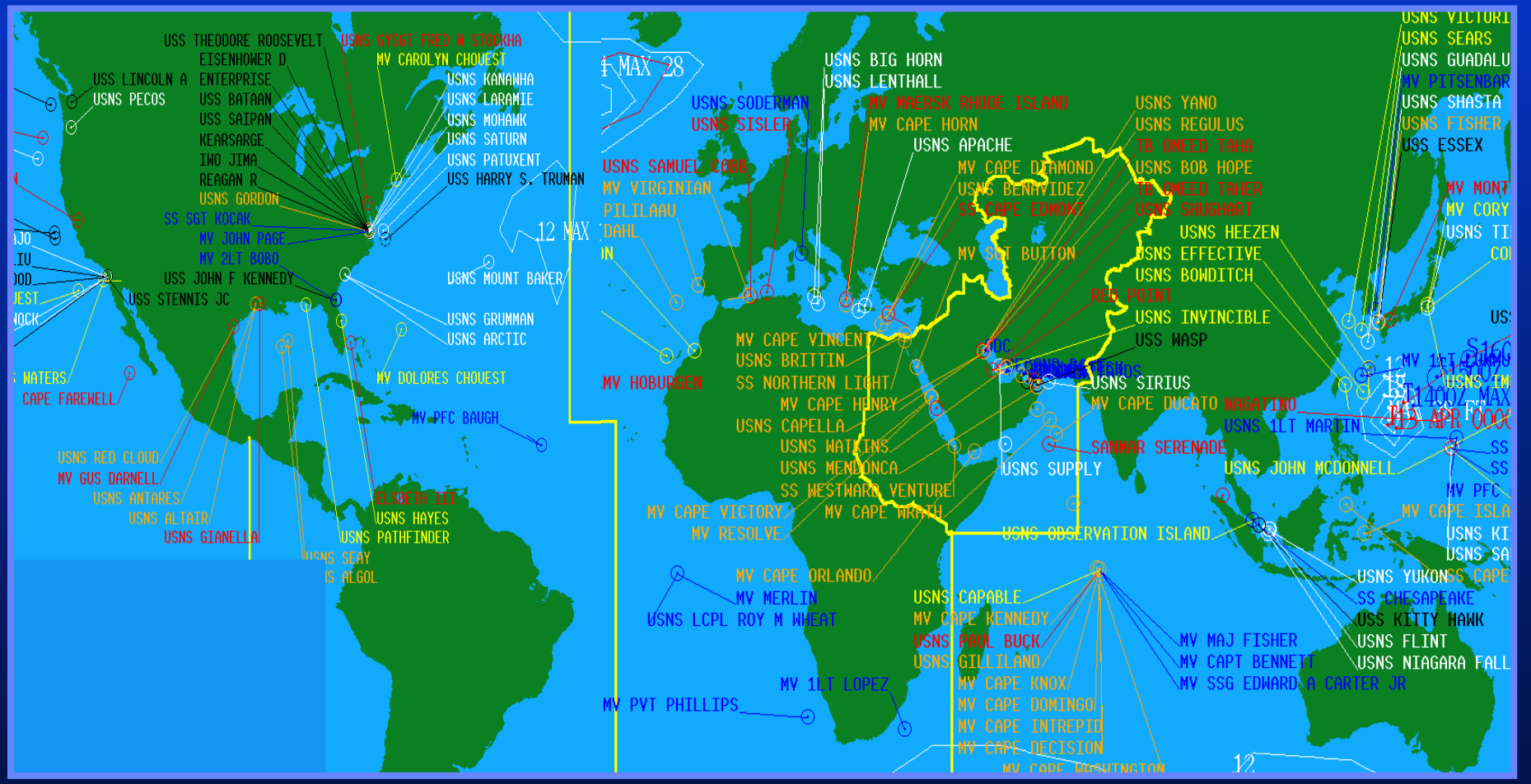
MSC is Big Business

Total Expenses - FY05 Budget



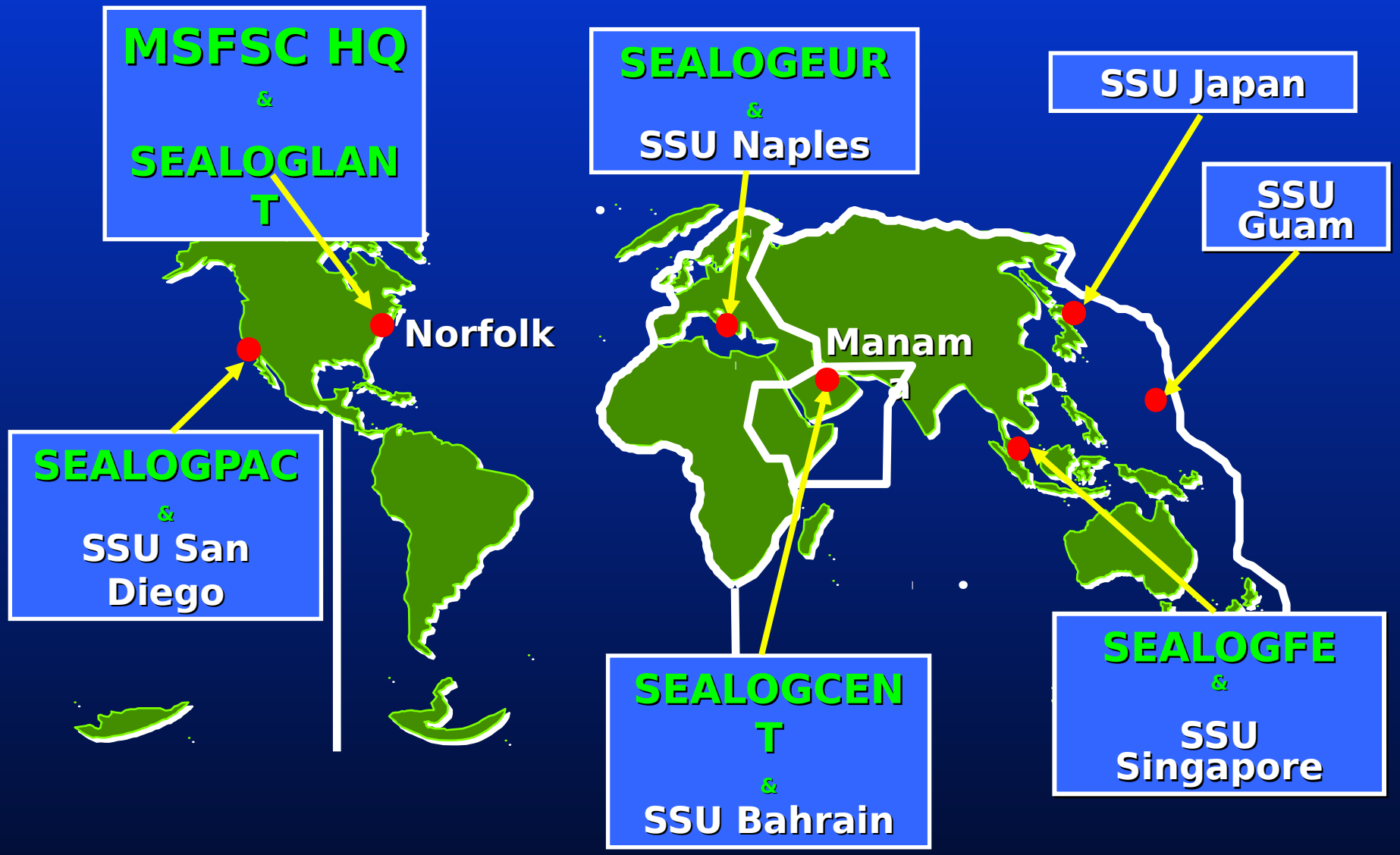
$	2,002,700,000	64%
$	1,145,700,000	36%
$	3,148,400,000	100%

Worldwide Missions



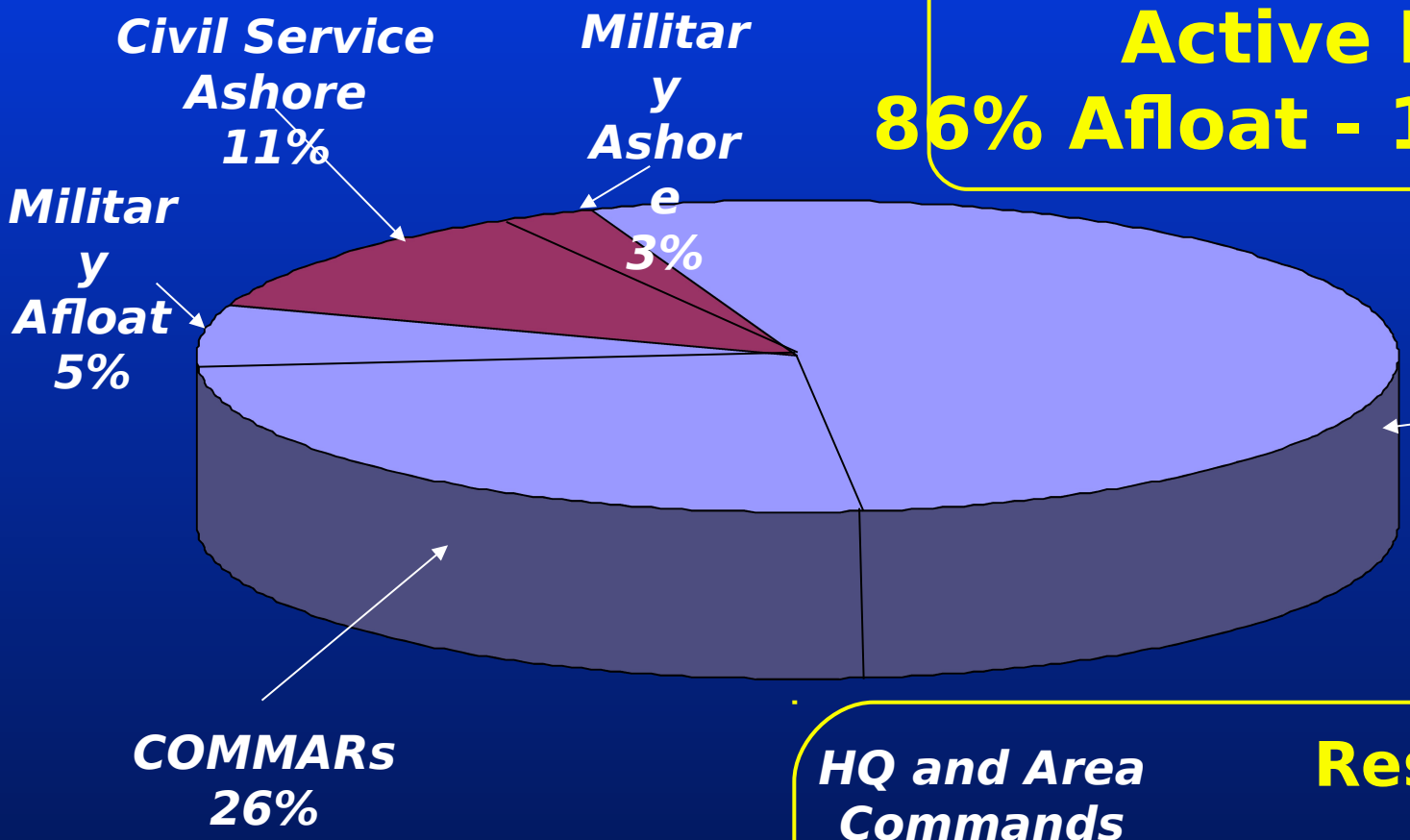
MSC averages 120 active ships daily

MSC Subordinate & Area Commands

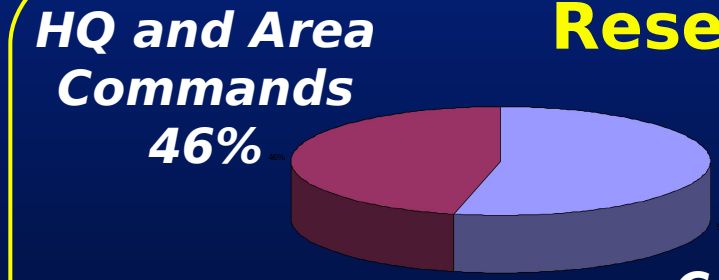


MSC's Workforce

Active Force
86% Afloat - 14% Ashore



Reserve Force



Afloat
Ashore

~ 8,500 Total

Naval Fleet Auxiliary Force Program

Fleet Underway Replenishment Oilers	15
Ammunition Ships	5
Combat Stores Ships	5
Fleet Ocean Tugs	4
Fast Combat Support Ships	4
Hospital Ships	2
Rescue-Salvage Ships	2
Dry Cargo/Ammunition Ship	1
TOTAL	38

Combat stores ship USNS San Jose with aircraft carrier USS Abraham Lincoln

Special Mission Program

Oceanographic Survey Ships		*7*
Ocean Surveillance Ships	*5*	
Submarine Support Ships	*4*	
Missile Range Instrumentation Ships		*2*
Command Ship	*2*	
Acoustic Survey		*1*
Navigation Test Support		*1*
Cable Laying / Repair Ship	*1*	
High-Speed Vessel	*1*	
TOTAL	*24*	

Ocean Surveillance Ship USNS Loyal

USNS Observation Island
Missile Range Instrumentation Ship

Prepositioning Program

Maritime Prepositioning Ships	*16*
Combat Prepositioning Ships	*10*
Logistics Prepositioning Ships	*10*
TOTAL	*36*

Maritime Prepositioning Ships

Combat Prepositioning Ships

Logistics Prepositioning Ships

Sealift Program

Surge LMSRs	*11*
Fast Sealift Ships	*8*
Tankers	*5*
Dry Cargo Ships	*2*
TOTAL	*26*

Sealift Ships

Surge LMSR
USNS Gordon

Tanker - USNS
Richard G.
Matthiesen

Dry Cargo
Ship
MV Baffin
Strait

Fast Sealift
Ship
USNS Capella

Size does make a difference!

Equals

300

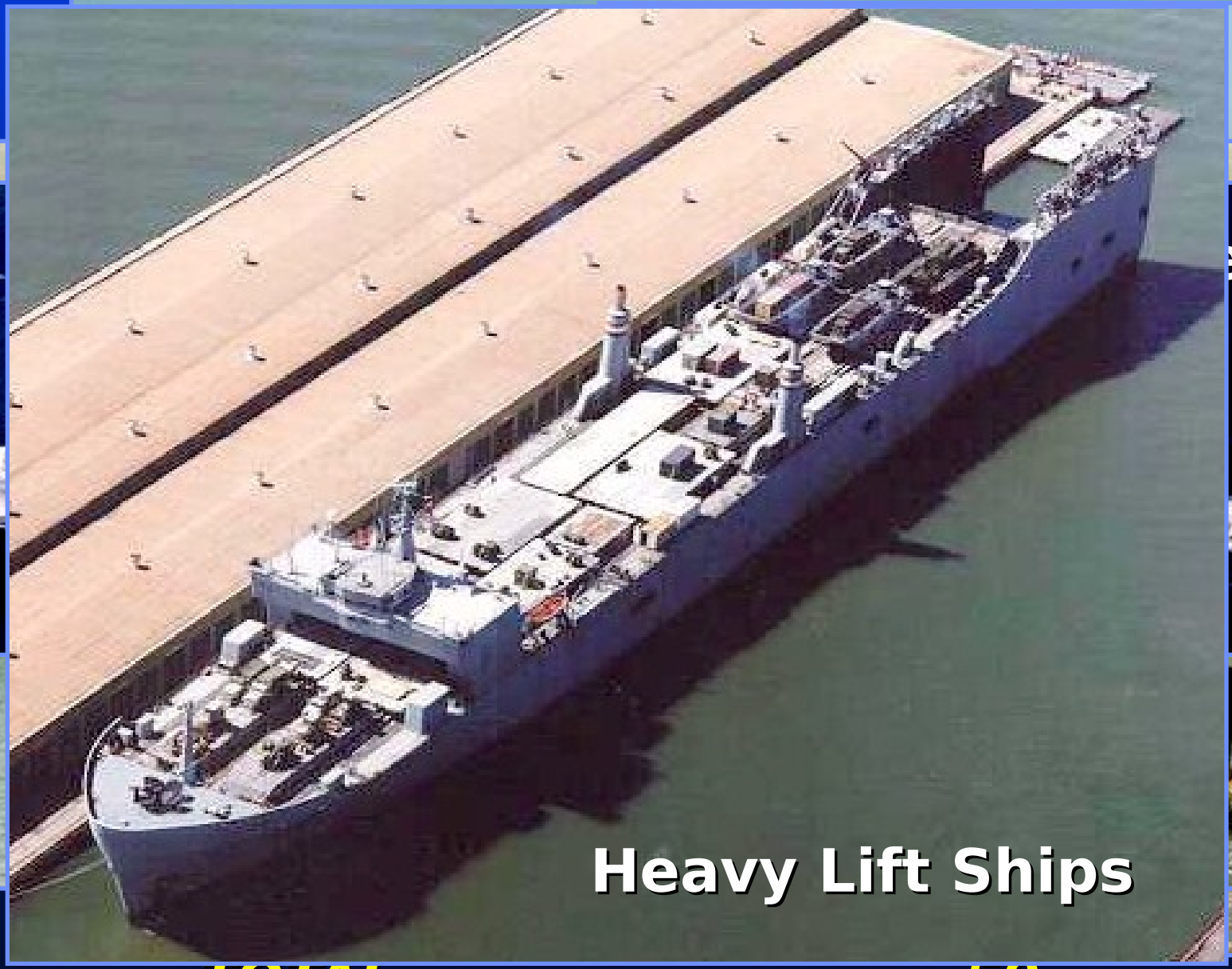
C-17 Globemaster III

or

220

C-5A Galaxy

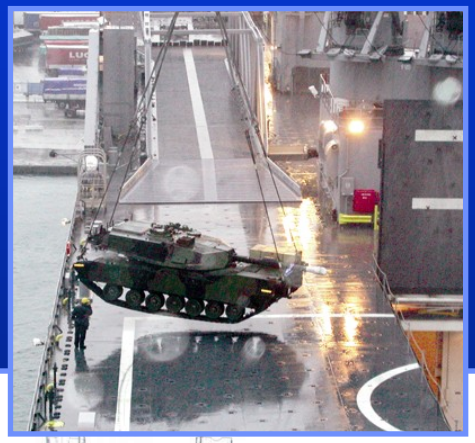
Ready Reserve Force



Heavy Lift Ships

TOTAL 59

Delivering the War-fighting Goods for Operation Iraqi Freedom



Operation Iraqi Freedom Today

91.9 million sq. ft.

9.5 billion gallons

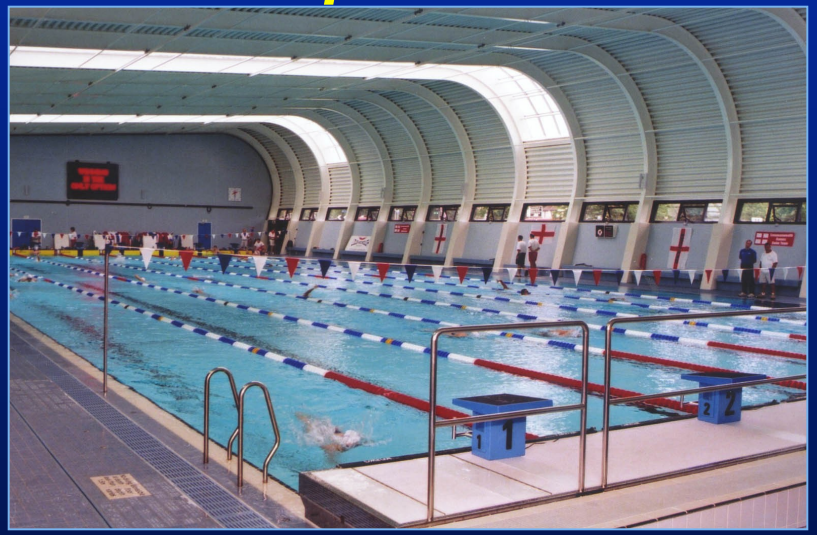
MSC delivers!

91.9 million sq. ft.

Would fill a supply train that stretched from New York to Salt Lake City

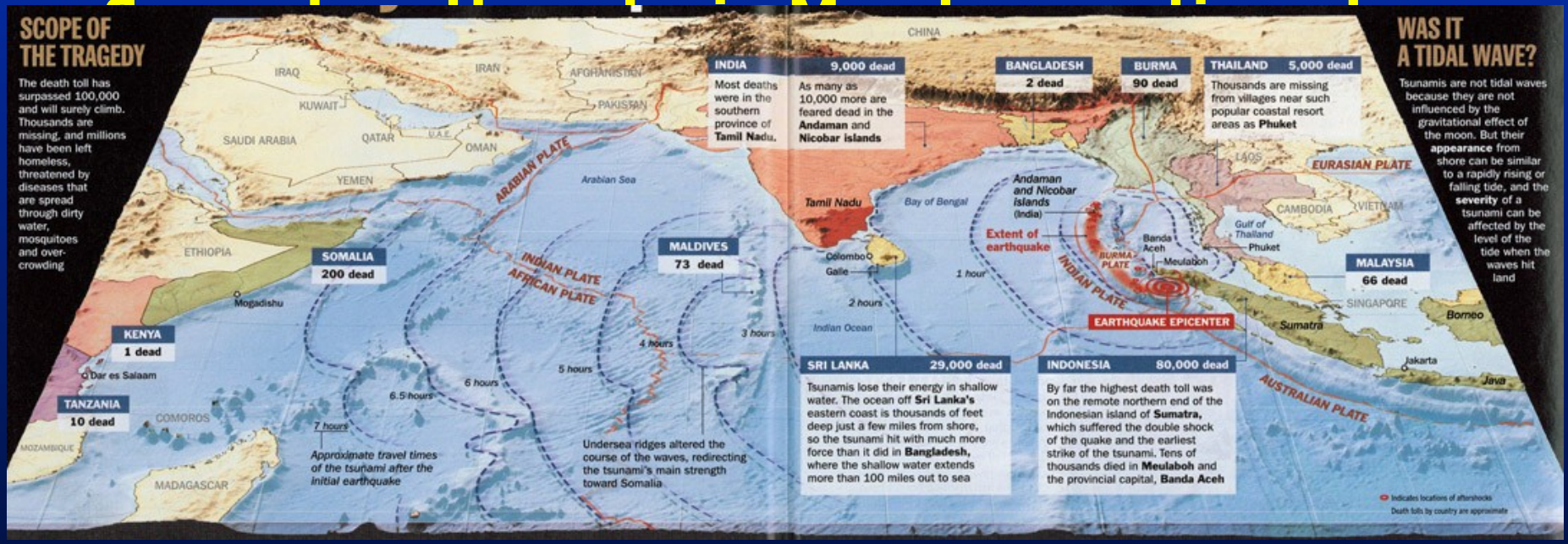
9.5 billion gallons

Would fill almost 15,000 Olympic-size swimming pools



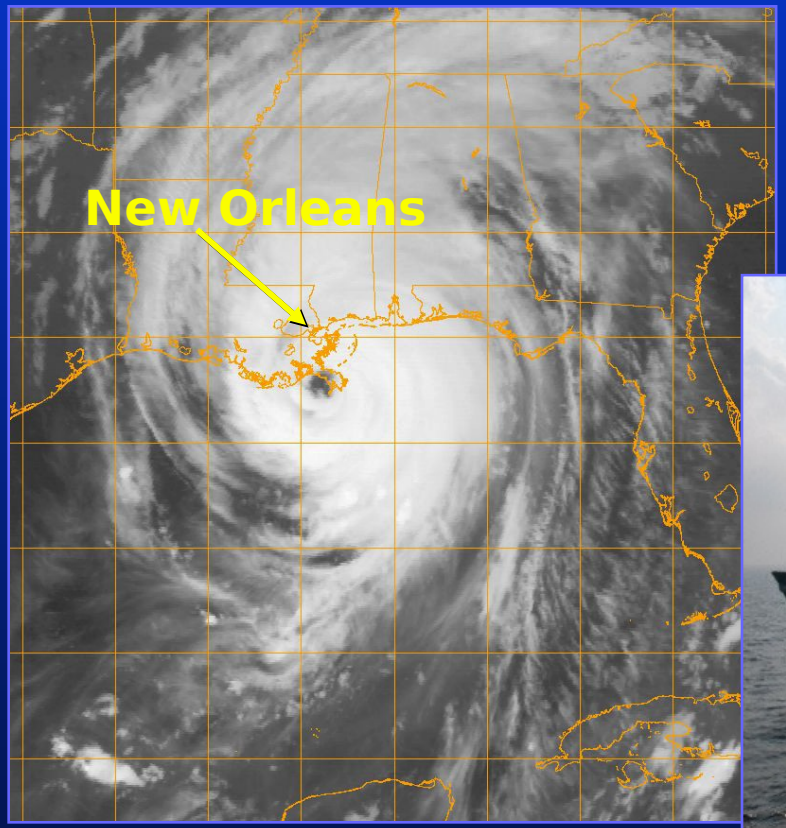
Operation Unified Assistance

- Tsunami hits South Asia Dec. 26, 2004
- First MSC ships begin sailing in response Dec. 30, 2004


SCOPE OF THE TRAGEDY
The death toll has surpassed 100,000 and will surely climb. Thousands are missing, and millions have been left homeless, threatened by diseases that are spread through dirty water, mosquitoes and overcrowding
WAS IT A TIDAL WAVE?
Tsunamis are not tidal waves because they are not influenced by the gravitational effect of the moon. But their appearance from shore can be similar to a rapidly rising or falling tide, and the severity of a tsunami can be affected by the level of the tide when the waves hit land
INDIA 9,000 dead
Most deaths were in the southern province of Tamil Nadu.
As many as 10,000 more are feared dead in the Andaman and Nicobar islands
BANGLADESH 2 dead
BURMA 90 dead
THAILAND 5,000 dead
Thousands are missing from villages near such popular coastal resort areas as Phuket
SOMALIA 200 dead
KENYA 1 dead
TANZANIA 10 dead
MALDIVES 73 dead
MALAYSIA 66 dead
SRI LANKA 29,000 dead
Tsunamis lose their energy in shallow water. The ocean off Sri Lanka's eastern coast is thousands of feet deep just a few miles from shore, so the tsunami hit with much more force than it did in Bangladesh, where the shallow water extends more than 100 miles out to sea
INDONESIA 80,000 dead
By far the highest death toll was on the remote northern end of the Indonesian island of Sumatra, which suffered the double shock of the quake and the earliest strike of the tsunami. Tens of thousands died in Meulaboh and the provincial capital, Banda Aceh
Approximate travel times of the tsunami after the initial earthquake
Undersea ridges altered the course of the waves, redirecting the tsunami's main strength toward Somalia
Extent of earthquake
EARTHQUAKE EPICENTER
ARABIAN PLATE
INDIAN PLATE
AFRICAN PLATE
EURASIAN PLATE
BURMA PLATE
AUSTRALIAN PLATE
Arabian Sea
Bay of Bengal
Indian Ocean
Andaman and Nicobar islands (India)
Tamil Nadu
Colombo
Galle
Banda Aceh
Meulaboh
Phuket
Mogadishu
Dar es Salaam
Sumatra
Borneo
Java
Jakarta
Singapore
Laos
Cambodia
Vietnam
Gulf of Thailand
1 hour
2 hours
3 hours
4 hours
5 hours
6 hours
6.5 hours
7 hours
Iraq
Iran
Afghanistan
Pakistan
Kuwait
Saudi Arabia
Qatar
UAE
Oman
Yemen
China
Ethiopia
Somalia
Comoros
Mozambique
Madagascar
Indicates locations of aftershocks
Death tolls by country are approximate

From Time Magazine

Hurricane Katrina Relief Efforts

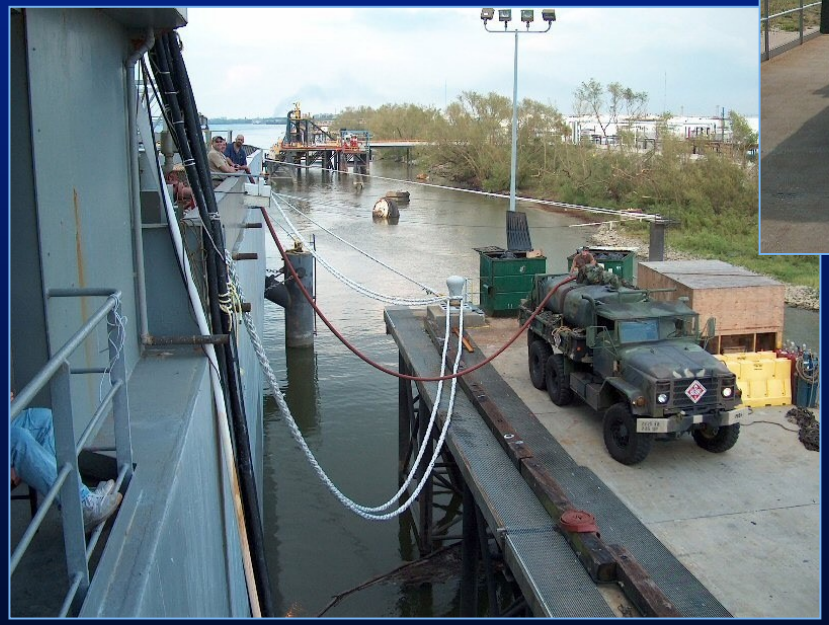


Katrina: Noon, Sept. 5

USNS Arctic

Medical Care – Dialysis – Fuel

USNS Comfort



USNS Pollux

MSC's future is Enterprise Management

- Alignment with the Fleet
- Surface Warfare Enterprise
- Lean Six Sigma
- Increased use of metrics

MSC delivers!

www.msc.navy.mil